

HJA
KP
3-2-01

Sir:

Prior to examination of the above-identified new national phase patent application, please amend the application, as follows:

In the Title:

Replace "A Method for Identifying Cancerigenic Agents Using a Mammal With Inhibition of the Poly (ADP Ribose) Polymerase" with --Mammal with Inhibition of the Poly (ADP Ribose) Polymerase and Method for Using Same to Identify Cancerigenic Agents--.

In the Claims:

Cancel claims 1 and 7-9.

In claim 2, replace "2" with --2--, replace "process" with --method-- and replace "1" with --10--.

In claim 3, replace "3" with --3--, replace "process" with --method-- and replace "1" with --10--.

In claim 4, replace "4" with --4--, replace "process" with --method-- and replace "1" with --10--.

In claim 5, replace "5" with --5--, replace "process" with --method-- and replace "1" with --10--.

In claim 6, replace "6" with --6--, replace "process" with --method-- and replace "1" with --10--.

Add the following new claims 10-15.

- 10-15*
- A*
- Sub C3*
10. A method for identifying cancerogenic agents, said method comprising the step of administering one or more potentially carcinogenic agents to a mammal having a genome comprising a DNA repair disturbance caused by inhibiting the poly(ADP ribose)polymerase.
 11. A transgenic mammal comprising a genome comprising a DNA repair disturbance caused by inhibiting the poly(ADP ribose)polymerase.
 12. The transgenic mammal of claim 11 wherein the mammal is a mouse.
 13. The transgenic mammal of claim 11 wherein the inhibition of the poly(ADP-ribose)polymerase is caused by expression of a dominant negative poly(ADP ribose)polymerase.
 14. The transgenic mammal of claim 11 wherein the inhibition of the poly(ADP-ribose)polymerase is made by a transgenic operation.
 15. The transgenic mammal of claim 11 wherein the genome of the mammal comprises the DNA construct shown in Figure 1.